SQL SERVER 2016 Project
Blood Donors Database

Project Scenario

You have to design a database normalized to 3NF based on the description below.

A non-profit organization company supplies blood donors to hospitals.

The organization finds donors contacts from various sources like on-line community social groups, campaigning in hospital/school.

Whenever a patient in a hospital fails to manage blood, s/he contacts the organization. The organization contact a matched donor and send to the patient at the hospital.
The database must store patient details, donor details. Point to be noted that a donor can donate blood repeatedly at 4-month interval.

No sample data is available. You have to choose attributes(fields) of entities of your own. Choose fields wisely so that database be close to the real-world.

Some key implementation requirements:
- All data entry, modification through procedures
- Must create view to extract data
- Must use UDFs, triggers, sub-query, CTE